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(54) **A method for processing seismic data.**

(57) A method for processing seismic data which include performing normal moveout velocity analysis in such a manner as to include the effects of the offset dependence of reflection amplitude and simultaneously determining from the seismic data the moveout velocity and the variation of reflection amplitude with offset.

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EUROPEAN SEARCH REPORT

Application Number

EP 89 20 0724

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	GB-A-2 161 933 (AMOCO CORP.) * Abstract; figure 9; page 4, line 31 - page 6, line 1; page 7, lines 14-48; claim 1 *	1,12	G 01 V 1/30
Y	---	2,4,5,8	
Y	OIL & GAS JOURNAL, vol. 80, no. 42, October 1982, pages 91-101, Tulsa, Oklahoma, US; G.B. AMERY: "Seismic velocity for geologists" * Page 94, column 1, line 22 - column 3, line 5; figures 4-6; page 95, column 1, line 14 - column 3, line 5 *	2,4,5,8	
A	---		
A	GEOPHYSICS, vol. 50, no. 4, April 1985, pages 609-614, Tulsa, Oklahoma, US; R.T. SHUEY: "A simplification of the Zoeppritz equations" * Whole document *		
A	---		
A	GB-A-2 090 409 (MOBIL OIL CORP.) * Abstract; page 1, lines 39-63; claims 1,3-5,7 *		
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		23 May 91	DE HEERING P.
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			